



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Bed A Horseshoe Load

TIME FRAME: 1:00

LEVEL OF INSTRUCTION: Level II

BEHAVIORAL OBJECTIVE:

Condition: Four lengths of fire hose, an appropriate hose bed and two assistants.

Behavior: The student will horseshoe load all four lengths under simulated fire conditions.

Standard: With a minimum of 80% accuracy

MATERIALS NEEDED:

- Four (4) sections of hose
- An engine with a hose bed
- Two (2) assistants
- One (1) Performance examination per student
- Appropriate firefighting PPE per CAL FIRE Policy

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 5th Edition, Chapter 13- pages 657,658 and 690

PREPARATION:

The horseshoe hose load places fewer bends in the hose than the accordion or flat loads, but the flakes are considerably longer and are unequal in length. The horseshoe load is very effective for rapidly placing working lines into operation or for dragging hose on a street. If loaded improperly, it may be very difficult to pull from the apparatus.



Fire Protection Training

Procedures Handbook 4300

HOW TO BED A HORSESHOE LOAD

OPERATIONS	KEY POINTS
1. Position fire hose	1a. At rear of hose bed b. All four lengths c. Clean and dry
2. Clean hose bed	2a. Remove debris, ashes and/or water
3. Start with male or female coupling	3a. Male coupling for a forward load b. Female coupling for a reverse load c. Make sure couplings are clean and operating properly
4. Place coupling in corner of the hose bed.	4a. Near hose bed divider b. In rear of apparatus
5. Stand hose on edge in hose bed in a horseshoe fashion	5a. Start from coupling b. With horseshoe opening to the rear of apparatus c. Continue around hose bed to the other side
6. Fold hose back on itself towards the starting point	6a. Folds may be staggered b. Work hose to make a tight fold (loop)
7. Continue to load hose	7a. In horseshoe fashion b. Until coupling is reached
8. Stagger couplings in the hose bed	8a. To avoid couplings side by side b. To fully utilize hose bed c. To allow easy removal of hose d. So couplings will not interfere with folds
9. Position coupling for proper exit	9a. Use Dutchman if necessary b. So coupling will pull straight out without having to turn around
10. Continue to load hose until the tier is filled	10a. Load snugly but not too tight
11. Bring hose up to next tier	11a. Method 1-in center of last flake raise

4307.22



Fire Protection Training

Procedures Handbook 4300

HOW TO BED A HORSESHOE LOAD

OPERATIONS

KEY POINTS

12. Continue to load hose by the same method on the next tier

hose to lay flat on the tier

1. Extend to a front corner
2. At corner place back on edge
3. Resume loading in horseshoe fashion

11b. Method 2-in center of last flake bring hose out rear of apparatus

1. Fold the hose around the ends of one-half of the same tier
2. Either to hose bed wall or divider
3. Place hose between the tier and the side of the bed and pull snugly
4. Form a short fold approximately 2' down the side of the bed which is folded back toward the bed wall and not the center of the bed
5. Gradually raise to the next tier and continue

12a. Until all hose is loaded



Fire Protection Training

Procedures Handbook 4300

HOW TO BED A HORSESHOE LOAD

APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).